



Nothing but **HEAVY DUTY.**



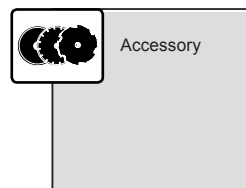
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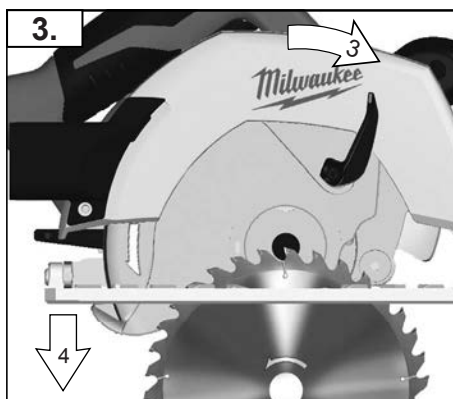
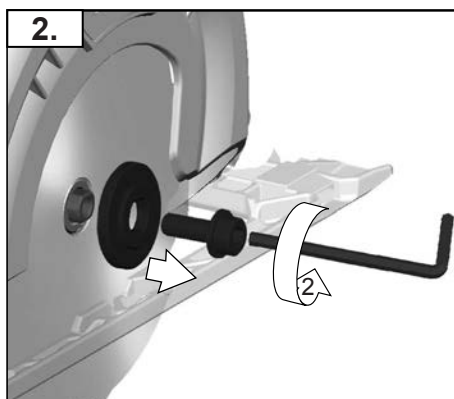
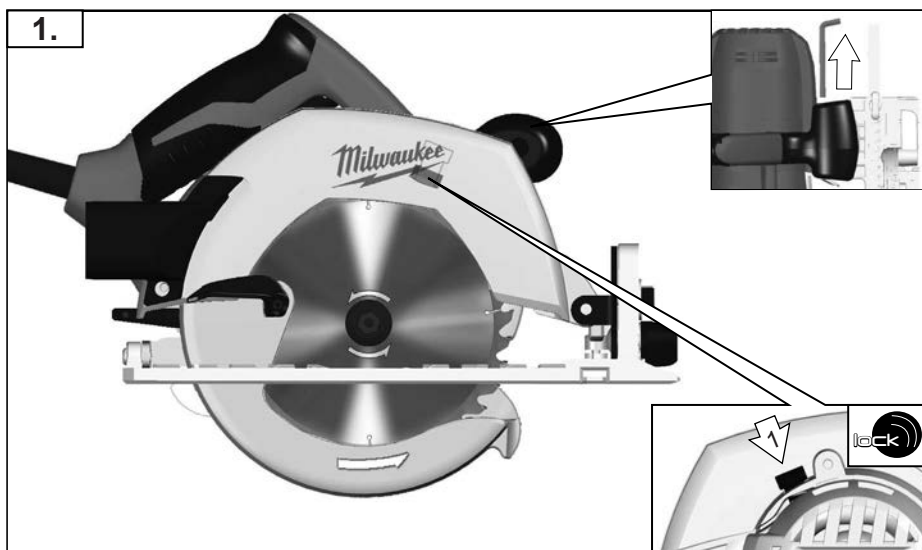
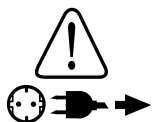
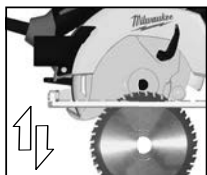
Original instructions

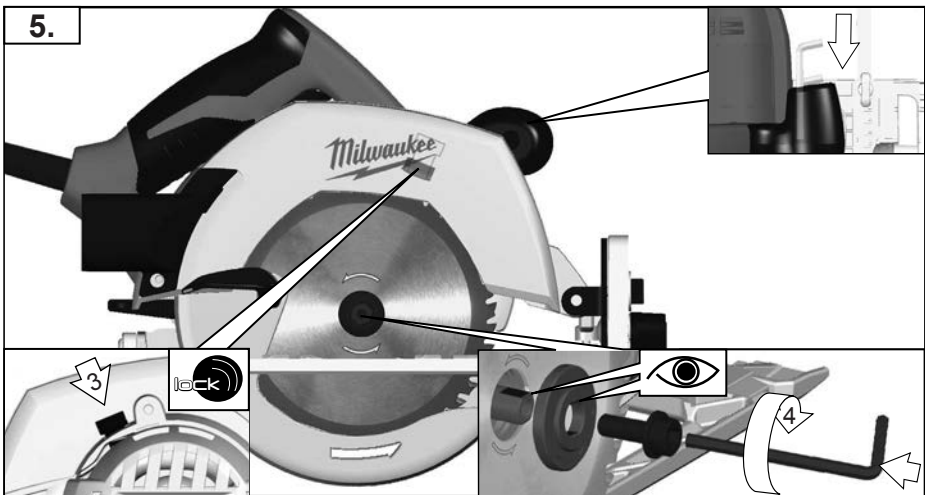
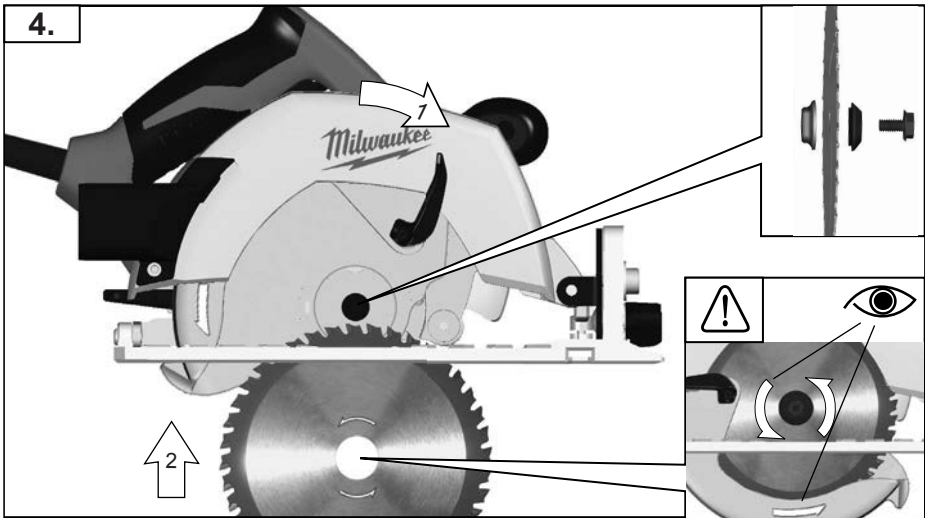
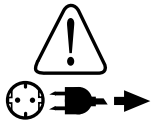
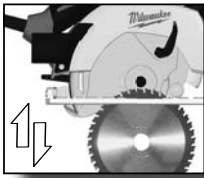
Important!

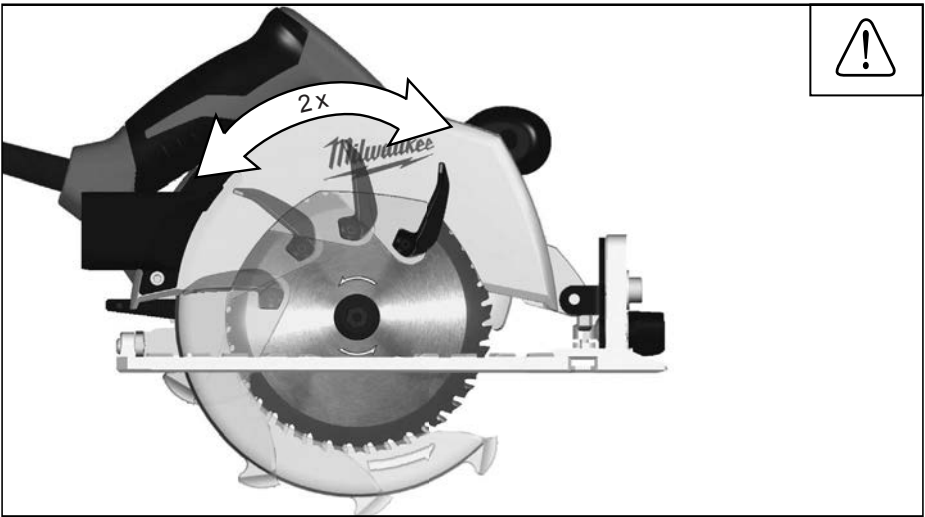
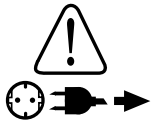
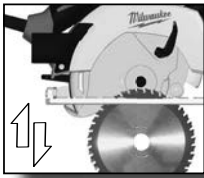
It is essential that you read the instructions in this manual before operating this machine.

Subject to technical modifications.

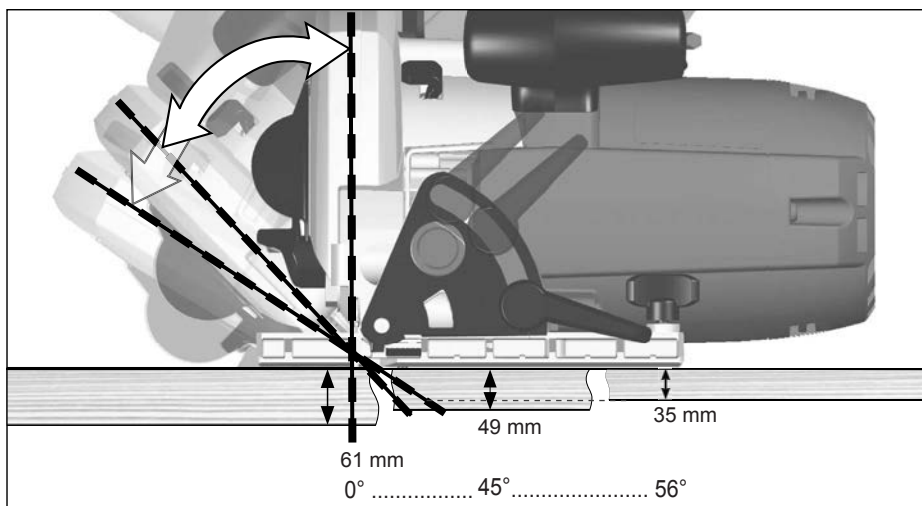
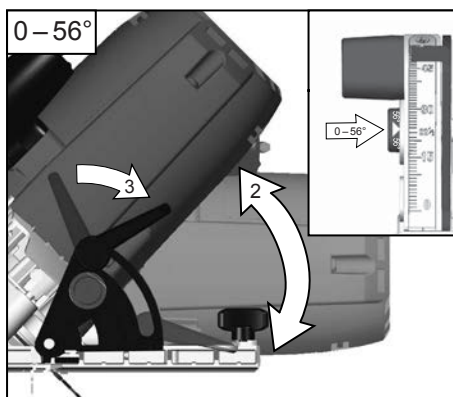
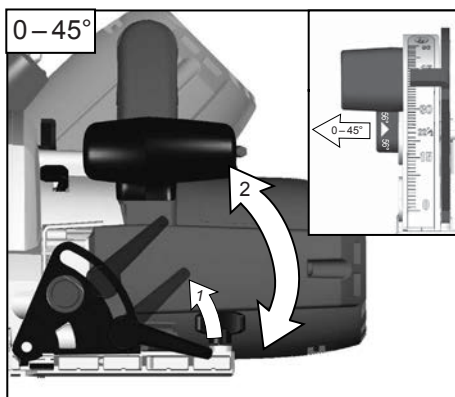
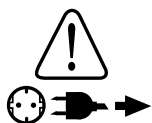
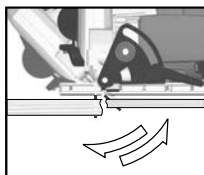


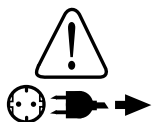
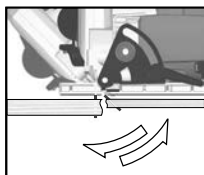




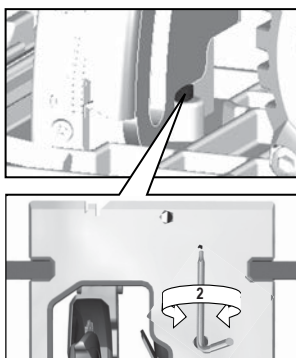
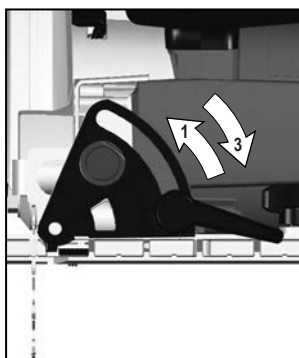
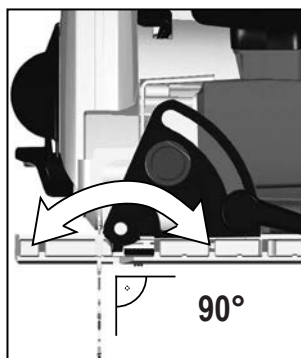


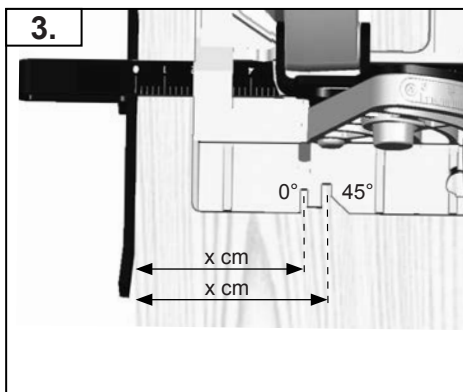
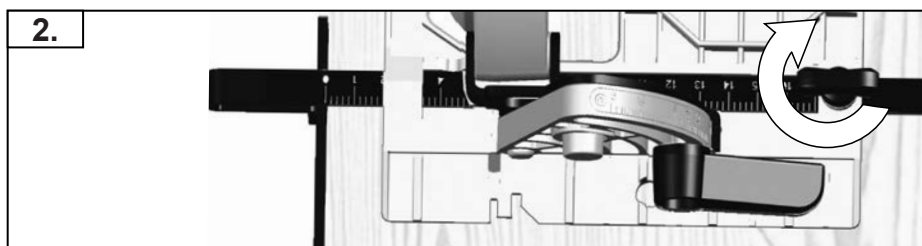
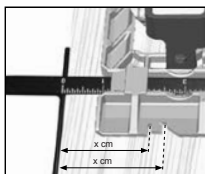




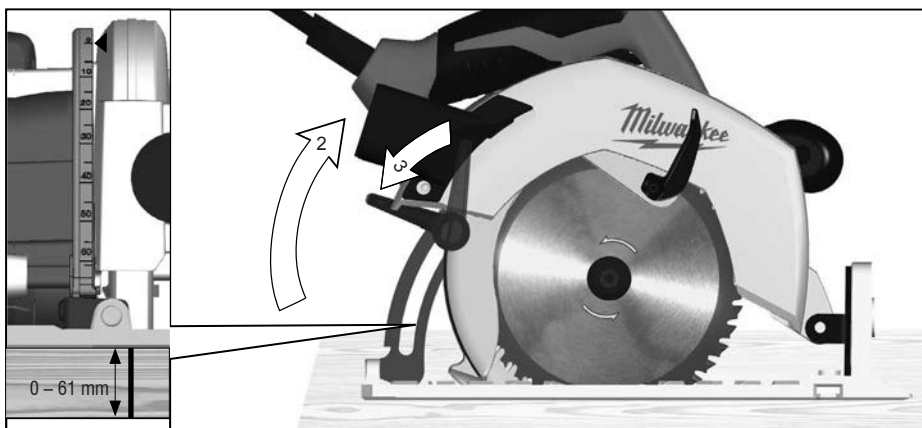
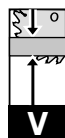
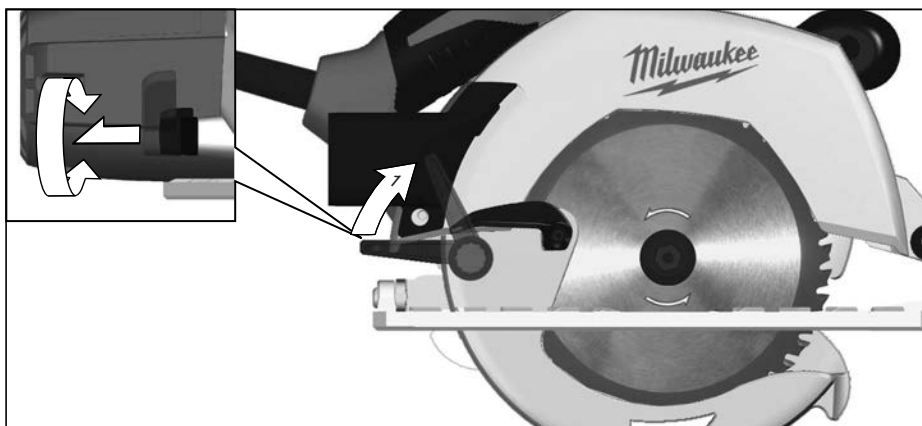
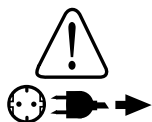


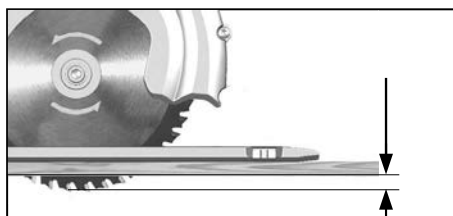
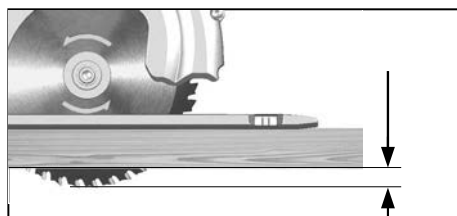
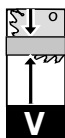
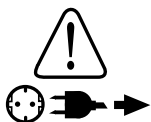
To correct the 90° angle of the guide-plate to the saw blade, use the correction screw.





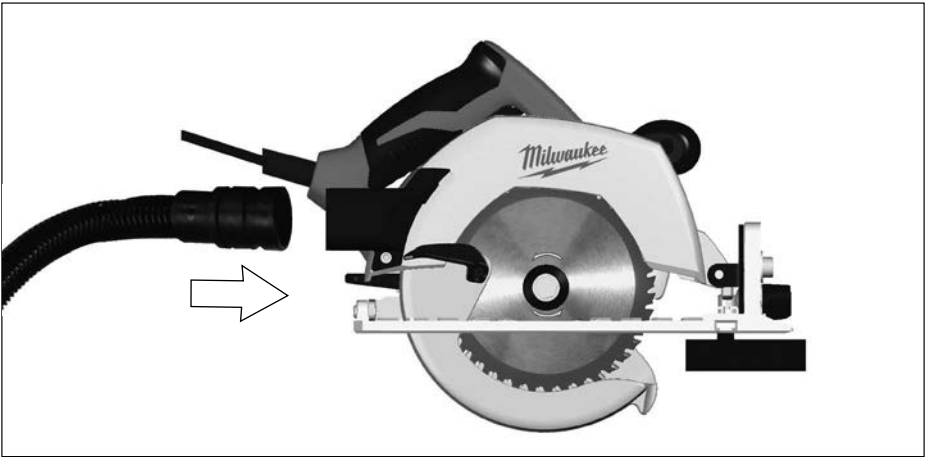
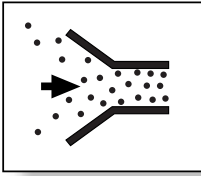
Carry out a test cut





Adjust the cutting depth to the thickness of the workpiece. Less than a full tooth of the blade teeth should be visible below the workpiece.

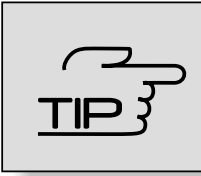




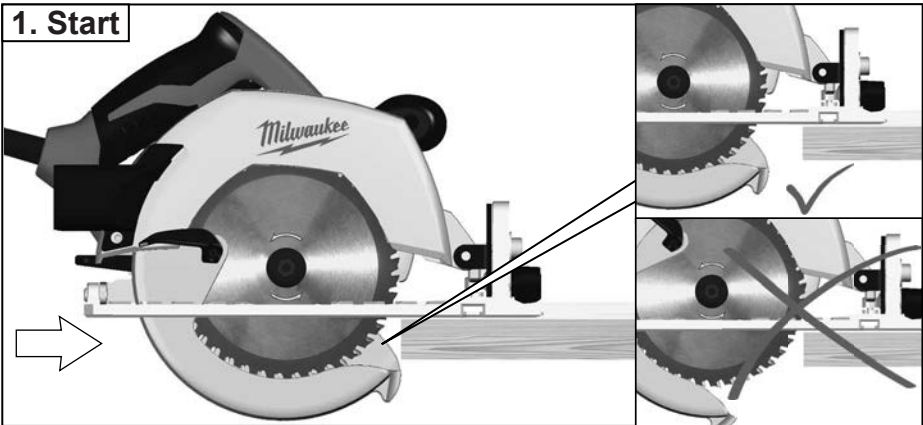
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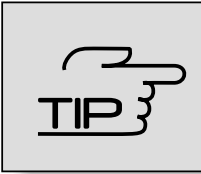
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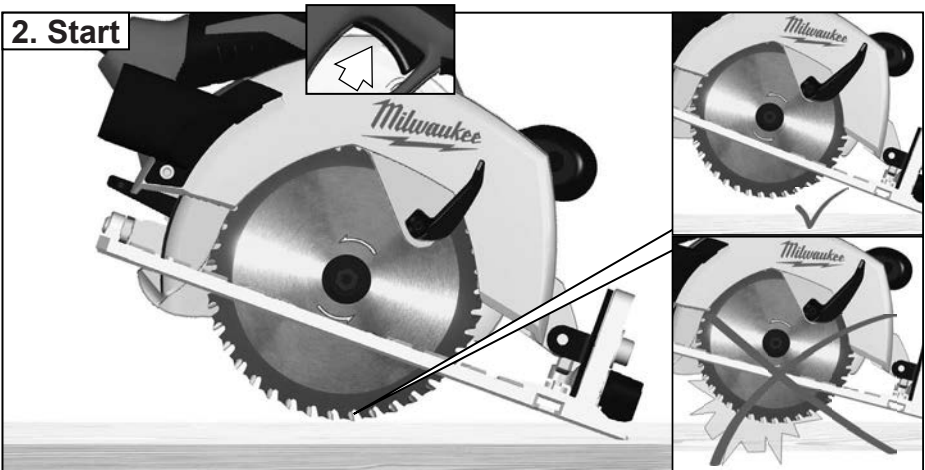


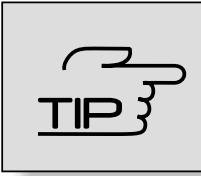
TIP
VII



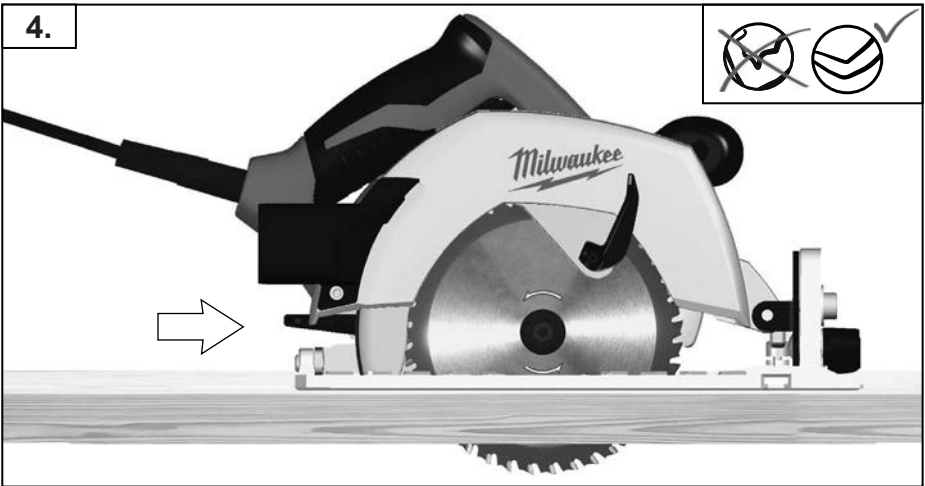


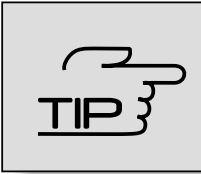
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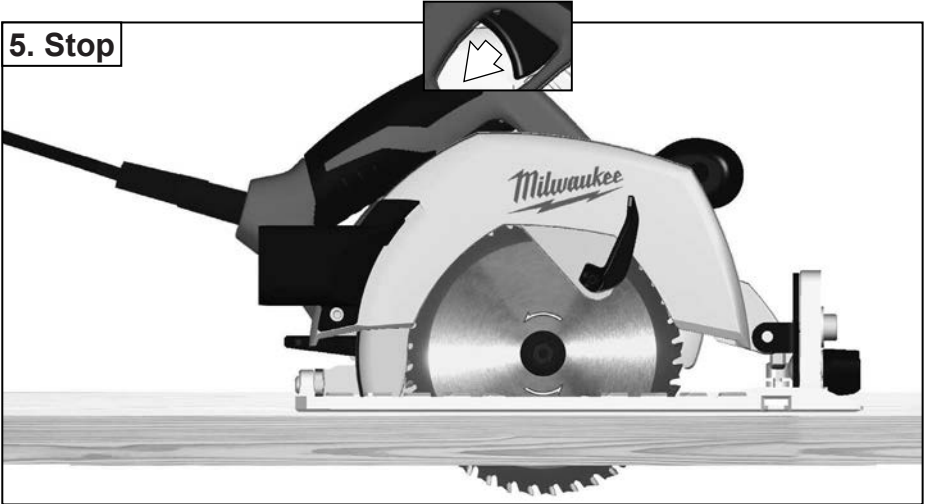


TIP
VII



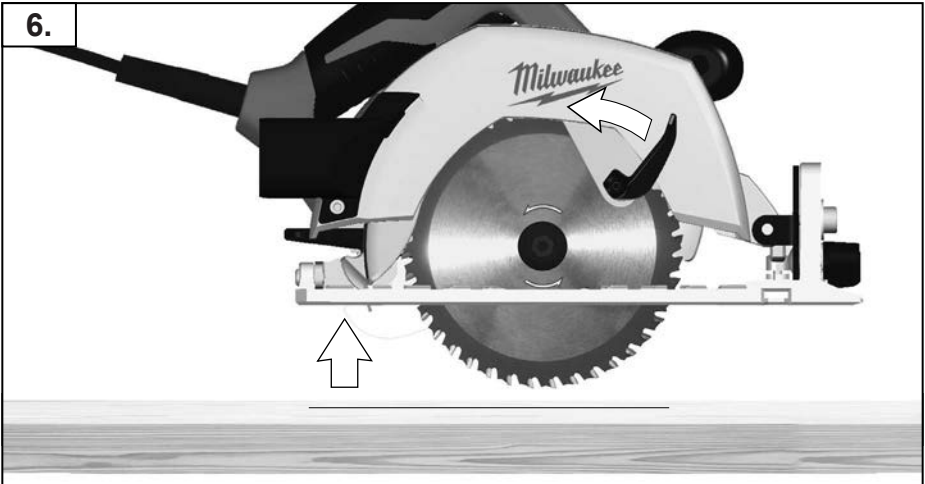


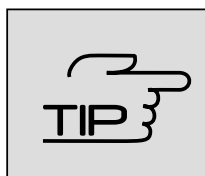
5. Stop



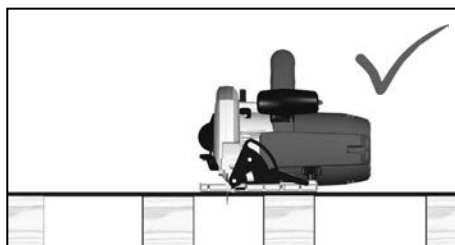
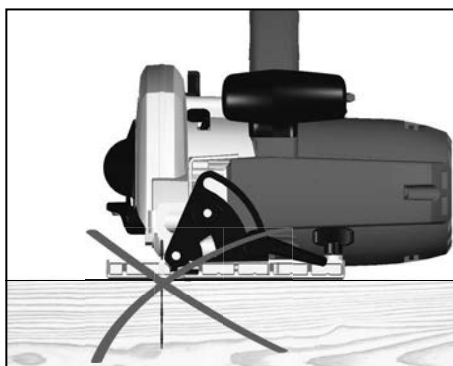
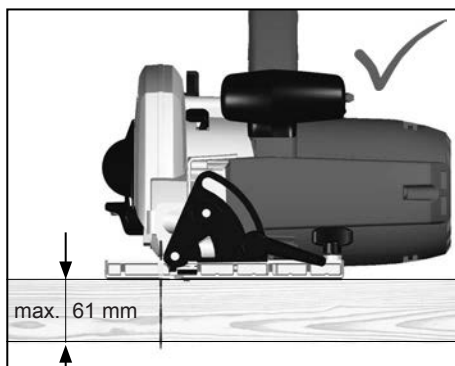
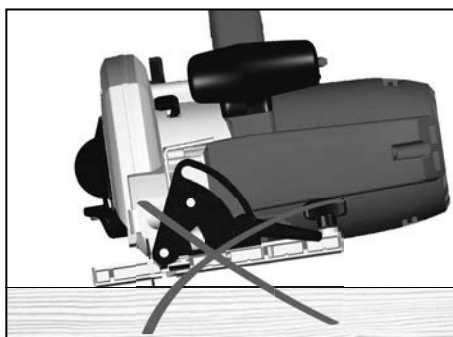
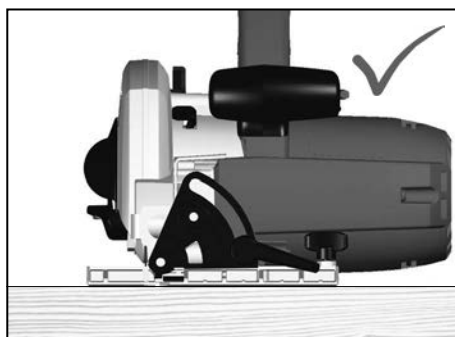
VII

6.





TIP
VII



CS 60	110 - 120 V	220 - 240 V
Rated input	1600 W	1600 W
No-load speed	3000 min ⁻¹	5800 min ⁻¹
Saw blade dia. x hole dia	184x15.88 mm	184x15.88 mm
Cutting depth max. at 90°/45°/56°	61/49/35 mm	61/49/35 mm
Weight according EPTA-Procedure 01/2003	4,8 kg	4,8 kg

Noise/vibration information

Measured values determined according to EN 60 745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (K = 3 dB(A))	92,0 dB(A)	92,5 dB(A)
Sound power level (K = 3 dB(A))	103,0 dB(A)	103,5 dB(A)

Wear ear protectors!

Total vibration values (vector sum in the three axes) determined according to EN 60745.

Vibration emission value a _v	2,9 m/s ²	2,3 m/s ²
Uncertainty K	1,5 m/s ²	1,5 m/s ²

WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure. The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

 **WARNING! Read all safety warnings and all instructions, including those given in the accompanying brochure.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

SAFETY INSTRUCTIONS**Cutting procedures**

 **DANGER: Keep hands away from cutting area and the blade.** Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.

Do not reach underneath the workpiece. The guard cannot protect you from the blade below the workpiece.

Adjust the cutting depth to the thickness of the workpiece.

Less than a full tooth of the blade teeth should be visible below the workpiece.

Never hold piece being cut in your hands or across your leg.

Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the power tool "live" and shock the operator.

When ripping always use a rip fence or straight edge guide. This improves the accuracy of cut and reduces the chance of blade binding.

Always use blades with correct size and shape (diamond versus round) of arbour holes. Blades that do not match the mounting

hardware of the saw will run eccentrically, causing loss of control.

Never use damaged or incorrect blade washers or bolt. The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

Causes and operator prevention of kickback:

kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;

- when the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;

- if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade. Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.

When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.

When restarting a saw in the workpiece, centre the saw blade



in the kerf and check that saw teeth are not engaged into the material. If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.

Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.

Do not use dull or damaged blades. Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.

Blade depth and bevel adjusting locking levers must be tight and secure before making cut. If blade adjustment shifts while cutting, it may cause binding and kickback.

Use extra caution when making a „plunge cut“ into existing walls or other blind areas. The protruding blade may cut objects that can cause kickback.

Function of the bottom guard

Lower guard function

Check lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position. If saw is accidentally dropped, lower guard may be bent. Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.

Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use. Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.

Lower guard should be retracted manually only for special cuts such as „plunge cuts“ and „compound cuts.“ Raise lower guard by retracting handle and as soon as blade enters the material, the lower guard must be released. For all other sawing, the lower guard should operate automatically.

Always observe that the lower guard is covering the blade before placing saw down on bench or floor. An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

Please do not use abrasion disks in this machine!

Wear ear protectors. Exposure to noise can cause hearing loss.

The dust produced when using this tool may be harmful to health. Do not inhale the dust. Use a dust absorption system and wear a suitable dust protection mask. Remove deposited dust thoroughly, e.g. with a vacuum cleaner.

Appliances used at many different locations including open air should be connected via a residual current device (FI, RCD, PRCD) of 30mA or less.

Always disconnect the plug from the socket before carrying out any work on the machine.

Only plug-in when machine is switched off.

Do not use inserted tools not corresponding to the key data given in these instructions for use.

Keep mains lead clear from working range of the machine. Always lead the cable away behind you.

Before use check machine, cable, and plug for any damages or material fatigue. Repairs should only be carried out by authorised Service Agents.

Do not fix the on/off switch in the “on” position when using the saw hand-held.

SPECIFIED CONDITIONS OF USE

This circular saw can cut lengthways and mitre accurately in wood, plastic, and aluminium.

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents. EN 60745, EN 55014-1, EN 55014-2,

EN 61000-3-2, EN 61000-3-3, in accordance with the regulations 2006/42/EC, 2004/108/EC



Winnenden, 2011-01-14

Rainer Kumpf
Manager Product Development
Authorized to compile the technical file.

MAINS CONNECTION

Connect only to single-phase a.c. current and only to the system voltage indicated on the rating plate. It is also possible to connect to sockets without an earthing contact as the design conforms to safety class II.

MAINTENANCE

Clean only with dry cloth. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Keep the apparatus handle clean, dry and free of oil or grease.

The ventilation slots of the machine must be kept clear at all times. It is recommended to regularly use cleaner for the clamping jaws and the clamping jaw borings.

Use only Milwaukee accessories and spare parts. Should components need to be exchanged which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the ten-digit No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at: Milwaukee Elektrowerkzeuge, Max-Eyth-Straße 10, D-71364 Winnenden, Germany.

SYMBOLS



Please read the instructions carefully before starting the machine.



Always disconnect the plug from the socket before carrying out any work on the machine.



Accessory - Not included in standard equipment, available as an accessory.



Do not dispose of electric tools together with household waste material! In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.







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